
APPENDIX K

ALAMEDA COUNTY RESIDENTS, WALKABLE BUFFER RESULTS

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Table K1. Sample Distribution of BATS2000 Households and Residents by Proximity to Rail and Ferries - Alameda County Residents

Proximity of Household to Rail Stations and Ferry Terminals	Households		Residents		Vehicles	
	Number	Percent	Number	Percent	Number	Percent
Within 1/2 mile	211	7%	406	6%	274	5%
1/2 mile to 1 mile	600	20%	1,217	18%	878	16%
Greater than 1 mile - Urban	696	23%	1,498	22%	1,099	20%
Greater than 1 mile - High-Suburban	755	25%	1,854	27%	1,533	28%
Greater than 1 mile - Low-Suburban	688	23%	1,726	25%	1,434	26%
Greater than 1 mile - Rural	95	3%	252	4%	217	4%
Total	3,045	100%	6,953	100%	5,435	100%

Table K2. Weighted Distribution of BATS2000 Households and Residents by Proximity to Rail and Ferries - Alameda County Residents

Proximity of Household to Rail Stations and Ferry Terminals	Households		Residents		Vehicles	
	Number	Percent	Number	Percent	Number	Percent
Within 1/2 mile	45,260	9%	111,917	8%	47,532	5%
1/2 mile to 1 mile	104,921	20%	266,429	19%	143,376	17%
Greater than 1 mile - Urban	144,753	28%	390,760	28%	218,359	25%
Greater than 1 mile - High-Suburban	116,630	22%	333,765	24%	222,751	26%
Greater than 1 mile - Low-Suburban	95,431	18%	267,451	19%	202,060	23%
Greater than 1 mile - Rural	16,195	3%	45,388	3%	32,671	4%
Total	523,190	100%	1,415,710	100%	866,750	100%

Table K3. BATS2000 Demographic Characteristics by Proximity to Rail and Ferries - Alameda County Residents

Proximity of Household to Rail Stations and Ferry Terminals	Total Households	Total Persons	Total Vehicles	Persons per Household	Vehicles per Household	Vehicles per Person	Average Income per Household	Average Income per Person
Within 1/2 mile	45,260	111,917	47,532	2.47	1.05	0.42	\$47,116	\$19,054
1/2 mile to 1 mile	104,921	266,429	143,376	2.54	1.37	0.54	\$57,785	\$22,756
Greater than 1 mile - Urban	144,753	390,760	218,359	2.70	1.51	0.56	\$61,143	\$22,650
Greater than 1 mile - High-Suburban	116,630	333,765	222,751	2.86	1.91	0.67	\$76,124	\$26,601
Greater than 1 mile - Low-Suburban	95,431	267,451	202,060	2.80	2.12	0.76	\$94,065	\$33,564
Greater than 1 mile - Rural	16,195	45,388	32,671	2.80	2.02	0.72	\$95,961	\$34,240
Total	523,190	1,415,710	866,750	2.71	1.66	0.61	\$69,679	\$25,750

Table K4. BATS2000 Households by Proximity to Rail and Ferry by Population Density of Block Group - Alameda County Residents

Proximity of Household to Rail and Ferry Stops	Density	Sample Households		Weighted Households	
		Number	Percent	Number	Percent
Within 1/2 mile	Urban	147	69.7%	32,261	71.3%
	High Suburban	40	19.0%	7,239	16.0%
	Low Suburban	21	10.0%	4,537	10.0%
	Rural	3	1.4%	1,223	2.7%
1/2 mile to 1 mile	Urban	375	62.5%	66,868	63.7%
	High Suburban	139	23.2%	21,194	20.2%
	Low Suburban	84	14.0%	16,507	15.7%
	Rural	2	0.3%	352	0.3%
Greater than 1 mile	Urban	696	31.2%	144,753	38.8%
	High Suburban	755	33.8%	116,630	31.3%
	Low Suburban	688	30.8%	95,431	25.6%
	Rural	95	4.3%	16,195	4.3%
Total		3,045	100.0%	523,190	100.0%

**Table K5. Income Distribution of BATS2000 SAMPLE Households by Proximity to Rail and Ferries
(Number of Households) Alameda County Residents**

Household Income Category	Proximity of Household to Rail Stations and Ferry Terminals						Total
	Within 1/2 mile	1/2 mile to 1 mile	Greater than 1 mile				
			Urban	High-Sub	Low-Sub	Rural	
Below \$10,000	9	24	20	12	6	1	72
\$10,000 to below \$15,000	11	24	14	14	5	1	69
\$15,000 to below \$20,000	10	30	26	19	12	1	98
\$20,000 to below \$25,000	13	25	25	28	19	1	111
\$25,000 to below \$30,000	10	26	38	22	19	3	118
\$30,000 to below \$35,000	8	37	32	8	9	2	96
\$35,000 to below \$40,000	12	26	39	27	17	3	124
\$40,000 to below \$45,000	16	41	44	36	36	3	176
\$45,000 to below \$50,000	16	38	45	55	25	3	182
\$50,000 to below \$60,000	19	68	89	83	54	9	322
\$60,000 to below \$75,000	23	72	111	97	85	10	398
\$75,000 to below \$100,000	41	100	99	144	144	18	546
\$100,000 to below \$125,000	15	43	66	94	106	14	338
\$125,000 to below \$150,000	4	23	19	57	69	8	180
\$150,000 or more	4	23	29	59	82	18	215
Total	211	600	696	755	688	95	3,045

**Table K6. Income Distribution of BATS2000 WEIGHTED Households by Proximity to Rail and Ferries
(Number of Households) Alameda County Residents**

Household Income Category	Proximity of Household to Rail Stations and Ferry Terminals						Total
	Within 1/2 mile	1/2 mile to 1 mile	Greater than 1 mile				
			Urban	High-Sub	Low-Sub	Rural	
Below \$10,000	2,905	5,416	4,512	1,697	962	111	15,602
\$10,000 to below \$15,000	6,386	6,877	4,958	5,186	502	217	24,126
\$15,000 to below \$20,000	2,080	8,862	6,520	5,232	1,928	71	24,693
\$20,000 to below \$25,000	3,341	3,988	5,294	4,178	1,843	962	19,606
\$25,000 to below \$30,000	1,250	4,334	10,246	2,705	2,833	393	21,760
\$30,000 to below \$35,000	1,392	6,380	6,859	1,813	1,110	325	17,878
\$35,000 to below \$40,000	5,463	7,381	6,102	4,994	2,223	428	26,592
\$40,000 to below \$45,000	3,200	5,701	11,255	6,644	5,927	303	33,030
\$45,000 to below \$50,000	5,005	7,410	10,015	8,846	4,278	516	36,072
\$50,000 to below \$60,000	1,919	8,915	18,484	10,013	6,755	1,902	47,988
\$60,000 to below \$75,000	3,416	12,109	23,364	16,161	12,620	1,465	69,136
\$75,000 to below \$100,000	4,302	13,731	18,282	20,955	20,861	3,013	81,145
\$100,000 to below \$125,000	3,439	7,718	11,230	14,098	14,693	3,574	54,752
\$125,000 to below \$150,000	841	2,770	3,109	7,373	9,429	857	24,378
\$150,000 or more	319	3,329	4,524	6,735	9,467	2,057	26,432
Total	45,260	104,921	144,753	116,630	95,431	16,195	523,190

**Table K7. Income Distribution of BATS2000 WEIGHTED Households by Proximity to Rail and Ferries
(Column Percent) Alameda County Residents**

Household Income Category	Proximity of Household to Rail Stations and Ferry Terminals						Total
	Within 1/2 mile	1/2 mile to 1 mile	Greater than 1 mile				
			Urban	High-Sub	Low-Sub	Rural	
Below \$10,000	6%	5%	3%	1%	1%	1%	3.0%
\$10,000 to below \$15,000	14%	7%	3%	4%	1%	1%	4.6%
\$15,000 to below \$20,000	5%	8%	5%	4%	2%	0%	4.7%
\$20,000 to below \$25,000	7%	4%	4%	4%	2%	6%	3.7%
\$25,000 to below \$30,000	3%	4%	7%	2%	3%	2%	4.2%
\$30,000 to below \$35,000	3%	6%	5%	2%	1%	2%	3.4%
\$35,000 to below \$40,000	12%	7%	4%	4%	2%	3%	5.1%
\$40,000 to below \$45,000	7%	5%	8%	6%	6%	2%	6.3%
\$45,000 to below \$50,000	11%	7%	7%	8%	4%	3%	6.9%
\$50,000 to below \$60,000	4%	8%	13%	9%	7%	12%	9.2%
\$60,000 to below \$75,000	8%	12%	16%	14%	13%	9%	13.2%
\$75,000 to below \$100,000	10%	13%	13%	18%	22%	19%	15.5%
\$100,000 to below \$125,000	8%	7%	8%	12%	15%	22%	10.5%
\$125,000 to below \$150,000	2%	3%	2%	6%	10%	5%	4.7%
\$150,000 or more	1%	3%	3%	6%	10%	13%	5.1%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

**Table K8. Income Distribution of BATS2000 WEIGHTED Households by Proximity to Rail and Ferries
(Row Percent) Alameda County Residents**

Household Income Category	Proximity of Household to Rail Stations and Ferry Terminals						Total
	Within 1/2 mile	1/2 mile to 1 mile	Greater than 1 mile				
			Urban	High-Sub	Low-Sub	Rural	
Below \$10,000	19%	35%	29%	11%	6%	1%	100.0%
\$10,000 to below \$15,000	26%	29%	21%	21%	2%	1%	100.0%
\$15,000 to below \$20,000	8%	36%	26%	21%	8%	0%	100.0%
\$20,000 to below \$25,000	17%	20%	27%	21%	9%	5%	100.0%
\$25,000 to below \$30,000	6%	20%	47%	12%	13%	2%	100.0%
\$30,000 to below \$35,000	8%	36%	38%	10%	6%	2%	100.0%
\$35,000 to below \$40,000	21%	28%	23%	19%	8%	2%	100.0%
\$40,000 to below \$45,000	10%	17%	34%	20%	18%	1%	100.0%
\$45,000 to below \$50,000	14%	21%	28%	25%	12%	1%	100.0%
\$50,000 to below \$60,000	4%	19%	39%	21%	14%	4%	100.0%
\$60,000 to below \$75,000	5%	18%	34%	23%	18%	2%	100.0%
\$75,000 to below \$100,000	5%	17%	23%	26%	26%	4%	100.0%
\$100,000 to below \$125,000	6%	14%	21%	26%	27%	7%	100.0%
\$125,000 to below \$150,000	3%	11%	13%	30%	39%	4%	100.0%
\$150,000 or more	1%	13%	17%	25%	36%	8%	100.0%
Total	8.7%	20.1%	27.7%	22.3%	18.2%	3.1%	100.0%

Table K9. BATS2000 Mode Shares by Trip Purpose and Proximity to Rail and Ferries - Alameda County Residents

Travel Characteristic	Proximity of Household to Rail Stations and Ferry Terminals						Total
	Within 1/2 mile	1/2 mile to 1 mile	Greater than 1 mile				
			Urban	High-Sub	Low-Sub	Rural	
MODE SHARES							
Home-Based Work							
In-Vehicle Person	56.3%	69.4%	78.0%	86.3%	82.7%	94.5%	78.5%
Vehicle Driver	46.6%	57.6%	68.9%	77.0%	77.3%	84.2%	69.5%
Vehicle Passenger	9.7%	11.8%	9.1%	9.3%	5.4%	10.3%	9.1%
Total Transit	26.5%	18.3%	17.1%	10.0%	13.5%	3.8%	15.0%
Rail and Ferry	23.7%	12.7%	11.1%	6.7%	11.4%	3.8%	10.9%
Bus	2.8%	5.6%	6.0%	3.3%	2.2%	0.0%	4.2%
Bicycle	7.3%	5.2%	1.1%	1.1%	1.0%	1.1%	2.2%
Walk	8.1%	5.2%	2.8%	2.4%	2.4%	0.6%	3.3%
Other	1.8%	1.9%	1.0%	0.2%	0.4%	0.0%	0.9%
Non-Work Trips							
In-Vehicle Person	46.7%	65.5%	77.1%	80.8%	85.0%	85.1%	75.6%
Vehicle Driver	33.0%	40.5%	47.8%	51.5%	55.6%	55.2%	48.2%
Vehicle Passenger	13.7%	25.0%	29.3%	29.3%	29.5%	29.8%	27.4%
Total Transit	25.6%	7.1%	5.7%	3.7%	2.4%	0.4%	6.2%
Rail and Ferry	5.3%	3.8%	1.6%	1.5%	1.2%	0.3%	2.1%
Bus	20.3%	3.3%	4.1%	2.2%	1.2%	0.2%	4.1%
Bicycle	2.6%	4.5%	2.4%	1.1%	1.0%	0.8%	2.1%
Walk	21.7%	21.1%	13.6%	13.0%	10.3%	12.8%	14.6%
Other	3.4%	1.8%	1.2%	1.4%	1.3%	0.9%	1.5%
Total Trips							
In-Vehicle Person	48.2%	66.5%	77.3%	82.0%	84.6%	87.0%	76.2%
Vehicle Driver	35.2%	44.9%	52.6%	57.0%	60.1%	61.0%	52.8%
Vehicle Passenger	13.0%	21.6%	24.8%	25.0%	24.4%	25.9%	23.4%
Total Transit	25.7%	10.0%	8.3%	5.1%	4.7%	1.1%	8.1%
Rail and Ferry	8.2%	6.1%	3.7%	2.7%	3.3%	1.0%	4.0%
Bus	17.5%	3.9%	4.5%	2.4%	1.4%	0.1%	4.1%
Bicycle	3.3%	4.7%	2.1%	1.1%	1.0%	0.9%	2.1%
Walk	19.5%	17.0%	11.2%	10.7%	8.7%	10.4%	12.2%
Other	3.2%	1.8%	1.2%	1.2%	1.1%	0.7%	1.4%

Table K9. BATS2000 Mode Shares by Trip Purpose and Proximity to Rail and Ferries - Alameda County Residents

Travel Characteristic	Proximity of Household to Rail Stations and Ferry Terminals						Total
	Within 1/2 mile	1/2 mile to 1 mile	Greater than 1 mile				
			Urban	High-Sub	Low-Sub	Rural	
MODE SHARES							
Home-Based Shop/Other							
In-Vehicle Person	58.7%	70.7%	83.2%	82.8%	88.8%	85.4%	80.8%
Vehicle Driver	48.5%	54.9%	58.7%	62.2%	67.6%	64.1%	60.4%
Vehicle Passenger	10.2%	15.8%	24.5%	20.6%	21.2%	21.3%	20.3%
Total Transit	19.5%	4.6%	5.0%	4.5%	1.6%	0.5%	4.9%
Rail and Ferry	4.5%	2.0%	1.1%	1.3%	0.6%	0.0%	1.3%
Bus	15.0%	2.6%	3.9%	3.3%	1.0%	0.5%	3.5%
Bicycle	4.4%	3.3%	0.8%	0.9%	0.7%	0.0%	1.4%
Walk	14.3%	20.6%	10.4%	10.8%	8.6%	14.1%	12.1%
Other	3.0%	0.7%	0.7%	1.0%	0.4%	0.0%	0.8%
Home-Based Social/Rec.							
In-Vehicle Person	43.6%	70.8%	79.0%	85.7%	88.0%	81.1%	78.0%
Vehicle Driver	25.2%	38.9%	47.8%	47.8%	51.8%	42.1%	44.9%
Vehicle Passenger	18.4%	31.9%	31.2%	37.8%	36.3%	38.9%	33.1%
Total Transit	14.8%	8.2%	3.7%	3.4%	1.6%	0.8%	4.8%
Rail and Ferry	7.6%	7.1%	1.9%	2.3%	1.3%	0.8%	3.2%
Bus	7.3%	1.2%	1.8%	1.0%	0.2%	0.0%	1.6%
Bicycle	2.3%	5.3%	6.3%	0.9%	2.1%	1.9%	3.3%
Walk	38.9%	14.6%	10.9%	9.9%	7.8%	15.5%	13.4%
Other	0.4%	1.0%	0.2%	0.2%	0.5%	0.7%	0.4%
Home-Based School							
In-Vehicle Person	23.2%	51.1%	64.8%	66.1%	74.1%	78.7%	59.7%
Vehicle Driver	10.2%	9.4%	14.7%	20.4%	18.2%	26.8%	15.4%
Vehicle Passenger	13.0%	41.8%	50.1%	45.6%	55.9%	51.9%	44.3%
Total Transit	60.0%	10.8%	10.2%	4.7%	4.3%	0.0%	13.3%
Rail and Ferry	4.2%	1.6%	1.6%	1.3%	0.7%	0.0%	1.6%
Bus	55.8%	9.2%	8.6%	3.4%	3.6%	0.0%	11.7%
Bicycle	0.7%	3.2%	0.6%	2.4%	1.3%	0.9%	1.6%
Walk	7.1%	32.9%	21.6%	21.7%	15.3%	15.7%	21.0%
Other	9.1%	1.9%	2.8%	5.2%	5.0%	4.7%	4.3%
Non-Home-Based							
In-Vehicle Person	61.3%	66.1%	77.0%	84.1%	83.6%	89.4%	77.8%
Vehicle Driver	48.4%	48.2%	57.6%	62.1%	62.9%	63.5%	57.9%
Vehicle Passenger	12.8%	17.9%	19.3%	22.0%	20.7%	25.9%	19.9%
Total Transit	8.8%	6.4%	5.0%	2.4%	3.0%	0.2%	4.2%
Rail and Ferry	4.8%	4.9%	1.9%	1.4%	2.0%	0.2%	2.4%
Bus	4.0%	1.5%	3.1%	1.0%	1.0%	0.0%	1.8%
Bicycle	3.0%	6.1%	2.4%	0.5%	0.3%	0.8%	2.1%
Walk	25.4%	17.8%	14.1%	12.6%	11.9%	8.6%	14.4%
Other	1.5%	3.6%	1.5%	0.5%	1.1%	0.9%	1.5%

Note: Shaded cells denote insufficient sample size.

Table K10. BATS2000 Trips by Mode, Trip Purpose, and Proximity to Rail and Ferries - Alameda County Residents

Travel Characteristic	Proximity of Household to Rail Stations and Ferry Terminals						Total
	Within 1/2 mile	1/2 mile to 1 mile	Greater than 1 mile				
			Urban	High-Sub	Low-Sub	Rural	
WEIGHTED TRIPS							
Home-Based Work							
In-Vehicle Person	29,902	136,825	209,688	203,759	153,375	30,273	763,822
Vehicle Driver	24,745	113,509	185,167	181,878	143,381	26,983	675,663
Vehicle Passenger	5,158	23,316	24,521	21,881	9,994	3,290	88,159
Total Transit	14,097	36,069	46,085	23,618	25,125	1,207	146,203
Rail and Ferry	12,603	24,965	29,941	15,846	21,098	1,207	105,661
Bus	1,495	11,104	16,144	7,772	4,027	0	40,542
Bicycle	3,860	10,195	3,014	2,530	1,803	368	21,769
Walk	4,294	10,254	7,476	5,766	4,396	196	32,382
Other	952	3,813	2,608	442	817	0	8,632
Total	53,106	197,156	268,871	236,115	185,517	32,044	972,809
Non-Work Trips							
In-Vehicle Person	131,402	369,573	708,472	695,255	597,801	109,324	2,611,826
Vehicle Driver	92,951	228,433	438,983	443,178	390,772	70,985	1,665,303
Vehicle Passenger	38,450	141,139	269,488	252,077	207,029	38,339	946,523
Total Transit	72,055	40,258	52,132	32,235	16,760	557	213,996
Rail and Ferry	14,921	21,348	14,449	13,306	8,420	343	72,787
Bus	57,134	18,910	37,682	18,929	8,339	214	141,209
Bicycle	7,326	25,310	21,773	9,190	6,890	1,033	71,522
Walk	60,993	119,202	125,071	111,648	72,510	16,430	505,854
Other	9,697	10,274	11,132	12,294	8,948	1,159	53,504
Total	281,472	564,616	918,579	860,622	702,909	128,503	3,456,701
Total Trips							
In-Vehicle Person	161,304	506,398	918,160	899,014	751,176	139,596	3,375,648
Vehicle Driver	117,696	341,943	624,150	625,056	534,154	97,968	2,340,966
Vehicle Passenger	43,608	164,455	294,010	273,958	217,022	41,628	1,034,682
Total Transit	86,152	76,327	98,217	55,853	41,885	1,765	360,199
Rail and Ferry	27,523	46,313	44,391	29,152	29,519	1,551	178,448
Bus	58,629	30,014	53,827	26,701	12,366	214	181,751
Bicycle	11,185	35,505	24,787	11,720	8,693	1,401	93,291
Walk	65,287	129,456	132,547	117,414	76,907	16,626	538,236
Other	10,649	14,087	13,739	12,736	9,765	1,159	62,136
Total	334,578	761,773	1,187,450	1,096,737	888,426	160,547	4,429,511

Table K10. BATS2000 Trips by Mode, Trip Purpose, and Proximity to Rail and Ferries - Alameda County Residents

Travel Characteristic	Proximity of Household to Rail Stations and Ferry Terminals						Total
	Within 1/2 mile	1/2 mile to 1 mile	Greater than 1 mile				
			Urban	High-Sub	Low-Sub	Rural	
WEIGHTED TRIPS							
<i>Home-Based Shop/Other</i>							
In-Vehicle Person	42,938	124,838	249,626	240,540	208,833	36,863	903,637
Vehicle Driver	35,467	96,891	176,213	180,772	158,966	27,686	675,994
Vehicle Passenger	7,472	27,947	73,412	59,768	49,867	9,177	227,643
Total Transit	14,279	8,206	14,931	13,164	3,665	214	54,459
Rail and Ferry	3,276	3,594	3,229	3,670	1,317	0	15,085
Bus	11,004	4,612	11,702	9,494	2,348	214	39,374
Bicycle	3,208	5,870	2,463	2,599	1,568	0	15,707
Walk	10,492	36,411	31,155	31,325	20,111	6,097	135,591
Other	2,214	1,217	1,972	2,971	912	0	9,286
Total	73,131	176,542	300,147	290,598	235,088	43,173	1,118,679
<i>Home-Based Social/Rec.</i>							
In-Vehicle Person	32,578	81,949	153,952	166,560	143,903	25,043	603,985
Vehicle Driver	18,835	45,073	93,136	93,001	84,601	13,016	347,663
Vehicle Passenger	13,743	36,876	60,816	73,558	59,302	12,026	256,321
Total Transit	11,067	9,522	7,130	6,515	2,593	257	37,083
Rail and Ferry	5,645	8,181	3,695	4,497	2,199	257	24,474
Bus	5,422	1,341	3,435	2,018	393	0	12,609
Bicycle	1,685	6,105	12,249	1,839	3,428	576	25,882
Walk	29,043	16,948	21,218	19,166	12,742	4,800	103,917
Other	311	1,211	417	370	793	207	3,310
Total	74,684	115,735	194,967	194,450	163,459	30,882	774,176
<i>Home-Based School</i>							
In-Vehicle Person	15,807	59,068	112,423	101,208	73,219	9,247	370,972
Vehicle Driver	6,965	10,838	25,471	31,274	17,954	3,151	95,654
Vehicle Passenger	8,842	48,231	86,951	69,935	55,265	6,096	275,318
Total Transit	40,921	12,502	17,615	7,231	4,272	0	82,542
Rail and Ferry	2,835	1,861	2,754	1,979	704	0	10,133
Bus	38,086	10,641	14,861	5,252	3,569	0	72,409
Bicycle	448	3,697	1,038	3,658	1,257	104	10,201
Walk	4,864	37,976	37,403	33,233	15,153	1,840	130,469
Other	6,186	2,250	4,907	7,897	4,972	552	26,764
Total	68,226	115,494	173,385	153,228	98,872	11,743	620,949
<i>Non-Home-Based</i>							
In-Vehicle Person	40,079	103,718	192,471	186,947	171,846	38,171	733,232
Vehicle Driver	31,684	75,632	144,163	138,131	129,251	27,131	545,992
Vehicle Passenger	8,394	28,086	48,309	48,816	42,595	11,040	187,240
Total Transit	5,787	10,028	12,456	5,325	6,229	87	39,912
Rail and Ferry	3,165	7,712	4,771	3,159	4,201	87	23,094
Bus	2,622	2,317	7,685	2,166	2,029	0	16,818
Bicycle	1,985	9,638	6,023	1,095	638	354	19,732
Walk	16,593	27,867	35,295	27,924	24,505	3,694	135,877
Other	987	5,595	3,836	1,055	2,271	399	14,144
Total	65,430	156,846	250,080	222,346	205,490	42,704	942,897

Note: Shaded cells denote insufficient sample size.

Table K11. BATS2000 SAMPLE Trips by Mode, Trip Purpose, and Proximity to Rail and Ferries - Alameda County Residents

Travel Characteristic	Proximity of Household to Rail Stations and Ferry Terminals						Total
	Within 1/2 mile	1/2 mile to 1 mile	Greater than 1 mile				
			Urban	High-Sub	Low-Sub	Rural	
SAMPLE TRIPS							
Home-Based Work							
In-Vehicle Person	310	1,128	1,549	2,095	1,808	278	7,168
Vehicle Driver	268	1,023	1,426	1,933	1,696	259	6,605
Vehicle Passenger	42	105	123	162	112	19	563
Total Transit	124	294	329	210	254	19	1,230
Rail and Ferry	102	224	209	158	211	19	923
Bus	22	70	120	52	43	0	307
Bicycle	41	94	37	27	28	2	229
Walk	32	133	61	58	49	2	335
Other	8	30	23	5	11	0	77
Total	515	1,679	1,999	2,395	2,150	301	9,039
Non-Work Trips							
In-Vehicle Person	1,405	3,946	5,141	7,321	6,905	992	25,710
Vehicle Driver	1,051	2,759	3,619	5,078	4,725	669	17,901
Vehicle Passenger	354	1,187	1,522	2,243	2,180	323	7,809
Total Transit	185	251	337	211	151	9	1,144
Rail and Ferry	90	162	123	140	95	6	616
Bus	95	89	214	71	56	3	528
Bicycle	96	225	149	101	95	9	675
Walk	444	1,120	977	793	662	84	4,080
Other	57	63	91	73	69	12	365
Total	2,187	5,605	6,695	8,499	7,882	1,106	31,974
Total Trips							
In-Vehicle Person	1,715	5,074	6,690	9,416	8,713	1,270	32,878
Vehicle Driver	1,319	3,782	5,045	7,011	6,421	928	24,506
Vehicle Passenger	396	1,292	1,645	2,405	2,292	342	8,372
Total Transit	309	545	666	421	405	28	2,374
Rail and Ferry	192	386	332	298	306	25	1,539
Bus	117	159	334	123	99	3	835
Bicycle	137	319	186	128	123	11	904
Walk	476	1,253	1,038	851	711	86	4,415
Other	65	93	114	78	80	12	442
Total	2,702	7,284	8,694	10,894	10,032	1,407	41,013

Table K11. BATS2000 SAMPLE Trips by Mode, Trip Purpose, and Proximity to Rail and Ferries - Alameda County Residents

Travel Characteristic	Proximity of Household to Rail Stations and Ferry Terminals						Total
	Within 1/2 mile	1/2 mile to 1 mile	Greater than 1 mile				
			Urban	High-Sub	Low-Sub	Rural	
SAMPLE TRIPS							
Home-Based Shop/Other							
In-Vehicle Person	510	1,313	1,931	2,576	2,493	311	9,134
Vehicle Driver	424	1,050	1,477	2,035	1,934	236	7,156
Vehicle Passenger	86	263	454	541	559	75	1,978
Total Transit	48	66	75	45	32	3	269
Rail and Ferry	20	34	21	22	17	0	114
Bus	28	32	54	23	15	3	155
Bicycle	40	60	41	35	29	0	205
Walk	124	327	287	235	216	22	1,211
Other	9	10	17	20	11	0	67
Total	731	1,776	2,351	2,911	2,781	336	10,886
Home-Based Social/Rec.							
In-Vehicle Person	309	1,039	1,188	1,731	1,641	259	6,167
Vehicle Driver	198	653	798	1,106	1,045	156	3,956
Vehicle Passenger	111	386	390	625	596	103	2,211
Total Transit	57	58	80	69	29	5	298
Rail and Ferry	35	48	41	57	24	5	210
Bus	22	10	39	12	5	0	88
Bicycle	20	57	53	25	34	4	193
Walk	96	248	165	106	113	17	745
Other	8	13	6	7	12	2	48
Total	490	1,415	1,492	1,938	1,829	287	7,451
Home-Based School							
In-Vehicle Person	132	362	493	855	716	86	2,644
Vehicle Driver	64	101	152	286	180	27	810
Vehicle Passenger	68	261	341	569	536	59	1,834
Total Transit	32	38	72	34	30	0	206
Rail and Ferry	9	15	13	14	9	0	60
Bus	23	23	59	20	21	0	146
Bicycle	11	39	21	25	19	1	116
Walk	41	154	172	196	120	5	688
Other	20	10	28	29	31	4	122
Total	236	603	786	1,139	916	96	3,776
Non-Home-Based							
In-Vehicle Person	454	1,232	1,529	2,159	2,055	336	7,765
Vehicle Driver	365	955	1,192	1,651	1,566	250	5,979
Vehicle Passenger	89	277	337	508	489	86	1,786
Total Transit	48	89	110	63	60	1	371
Rail and Ferry	26	65	48	47	45	1	232
Bus	22	24	62	16	15	0	139
Bicycle	25	69	34	16	13	4	161
Walk	183	391	353	256	213	40	1,436
Other	20	30	40	17	15	6	128
Total	730	1,811	2,066	2,511	2,356	387	9,861

Note: Shaded cells denote insufficient sample size.

Table K12. BATS2000 Sample Persons by Purpose and Proximity to Rail and Ferries - Alameda County Residents

Trip Purpose	Proximity of Household to Rail Stations and Ferry Terminals						Total
	Within 1/2 mile	1/2 mile to 1 mile	Greater than 1 mile				
			Urban	High-Sub	Low-Sub	Rural	
SAMPLE PERSONS							
Home-Based Work	198	613	739	870	802	118	3,340
Non-Work Trips	349	990	1,214	1,515	1,430	196	5,694
Total Trips	384	1,130	1,392	1,732	1,601	233	6,472
Home-Based Shop/Other	241	653	801	1,023	967	131	3,816
Home-Based Social/Rec.	221	585	665	834	775	120	3,200
Home-Based School	78	229	282	389	344	40	1,362
Non-Home-Based	243	652	779	953	910	129	3,666

Note: The tally of sample persons in this table sums tripmakers only once by trip purpose regardless of the number of trips the person made. Additionally, there is overlap between purposes when tallying the number of trip makers (residents who made home-based work trips also made non-work trips). For example, if a person made 2 home-based work trips, 3 home-based shop trips, 2 home-based social/recreational trips, 1 home-based school trip, and 5 non-home-based trips, s/he was counted as a tripmaker once in the home-based work category, once in the social/recreational category, once in the shop category, once in the non-home-based category, once in the non-work category, and once in the total trips category.

**Table K13. BATS2000 Household Trip Rates by Proximity to Rail and Ferries
Alameda County Residents**

Travel Characteristic	Proximity of Household to Rail Station or Ferry Terminal						Total
	Within 1/2 mile	1/2 mile to 1 mile	Greater than 1 mile				
			Urban	High-Sub	Low-Sub	Rural	
TRIP RATES							
Vehicle Driver Trips per Household	2.600	3.259	4.312	5.359	5.597	6.049	4.474
Transit Trips per Household	1.903	0.727	0.679	0.479	0.439	0.109	0.688
Bicycle Trips per Household	0.247	0.338	0.171	0.100	0.091	0.087	0.178
Walk Trips per Household	1.442	1.234	0.916	1.007	0.806	1.027	1.029
Total Trips per Household	7.392	7.260	8.203	9.404	9.310	9.913	8.466
TRANSIT USE							
Percent of Households Using Transit During Two-Day Survey Period	51.2%	35.5%	34.7%	22.4%	23.3%	7.6%	30.6%

**Table K14. BATS2000 Per Capita Trip Rates and Transit Use by Proximity to Rail and Ferries
Alameda County Residents**

Travel Characteristic	Proximity of Household to Rail Station or Ferry Terminal						Total
	Within 1/2 mile	1/2 mile to 1 mile	Greater than 1 mile				
			Urban	High-Sub	Low-Sub	Rural	
TRIP RATES							
Vehicle Driver Trips per Person	1.052	1.283	1.597	1.873	1.997	2.158	1.654
Transit Trips per Person	0.770	0.286	0.251	0.167	0.157	0.039	0.254
Bicycle Trips per Person	0.100	0.133	0.063	0.035	0.033	0.031	0.066
Walk Trips per Person	0.583	0.486	0.339	0.352	0.288	0.366	0.380
Total Trips per Person	2.990	2.859	3.039	3.286	3.322	3.537	3.129
TRANSIT USE							
Percent of Population Using Transit During Two-Day Survey Period	38.0%	17.5%	16.5%	10.9%	10.2%	2.7%	15.4%

Table K15. Zone-to-Zone VMT per Trip by Proximity to Rail and Ferry Stations - Alameda County Residents

Proximity of Home to Rail Stations and Ferry Terminals	Valid Valid VMT	Vehicle Driver Trips	Average VMT/Trip	Total Vehicle Driver Trips	Total Estimated VMT	Imputed Share of Total Estimated VMT	VMT per Household	VMT per Driver
Within 1/2 mile	598,387	109,563	5.46	117,696	642,808	7%	14.20	10.47
1/2 mile to 1 mile	2,013,422	295,307	6.82	341,943	2,331,390	14%	22.22	13.77
Greater than 1 mile - Urban	3,784,708	553,249	6.84	624,150	4,269,736	11%	29.50	17.69
Greater than 1 mile - High-Suburban	3,905,489	559,837	6.98	625,056	4,360,467	10%	37.39	19.47
Greater than 1 mile - Low-Suburban	3,557,539	480,026	7.41	534,154	3,958,684	10%	41.48	21.25
Greater than 1 mile - Rural	751,769	88,225	8.52	97,968	834,784	10%	51.55	27.69
Total	#####	2,086,206	7.00	2,340,966	16,397,868	11%	31.34	17.97

Table K16. BATS2000 Weekday Home-Based Work Trip Mode Shares by Proximity of Home and Place of Work to Rail and Ferries - Alameda County Residents

Proximity of Household to Rail Station or Ferry Terminal	Mode	Proximity of Work to Rail Station or Ferry Terminal		
		Within 1/2 mile	Greater than 1/2 mile	Total
Within 1/2 mile	In-Vehicle Person	28%	78%	55%
	Vehicle Driver	27%	63%	46%
	Vehicle Passenger	1%	15%	9%
	Total Transit	54%	5%	27%
	Rail and Ferry	51%	3%	24%
	Bus	4%	2%	3%
	Bicycle	3%	11%	7%
	Walk	15%	3%	8%
	Other	1%	3%	2%
	Total	100%	100%	100%
Greater than 1/2 mile	In-Vehicle Person	57%	88%	80%
	Vehicle Driver	51%	79%	71%
	Vehicle Passenger	6%	9%	8%
	Total Transit	38%	6%	15%
	Rail and Ferry	29%	3%	10%
	Bus	9%	3%	4%
	Bicycle	2%	2%	2%
	Walk	3%	3%	3%
	Other	1%	1%	1%
	Total	100%	100%	100%
Total	In-Vehicle Person	54%	87%	78%
	Vehicle Driver	49%	78%	70%
	Vehicle Passenger	6%	9%	8%
	Total Transit	40%	6%	15%
	Rail and Ferry	31%	3%	11%
	Bus	8%	2%	4%
	Bicycle	2%	3%	2%
	Walk	4%	3%	3%
	Other	1%	1%	1%
	Total	100%	100%	100%

Table K17. BATS2000 Weekday Home-Based Work Trips by Proximity of Home and Place of Work to Rail and Ferries - Alameda County Residents

Proximity of Household to Rail Station or Ferry Terminal	Mode	Proximity of Work to Rail Station or Ferry Terminal		
		Within 1/2 mile	Greater than 1/2 mile	Total
Within 1/2 mile	In-Vehicle Person	6,498	21,977	28,475
	Vehicle Driver	6,165	17,673	23,838
	Vehicle Passenger	333	4,303	4,636
	Total Transit	12,630	1,322	13,952
	Rail and Ferry	11,816	764	12,579
	Bus	815	558	1,373
	Bicycle	623	3,178	3,800
	Walk	3,375	919	4,294
	Other	117	836	952
	Total	23,243	28,230	51,473
Greater than 1/2 mile	In-Vehicle Person	129,883	550,904	680,787
	Vehicle Driver	116,275	494,277	610,552
	Vehicle Passenger	13,607	56,627	70,235
	Total Transit	87,013	37,070	124,084
	Rail and Ferry	66,487	21,324	87,810
	Bus	20,527	15,746	36,273
	Bicycle	3,545	14,286	17,831
	Walk	6,775	18,746	25,521
	Other	1,345	5,904	7,249
	Total	228,562	626,910	855,472
Total	In-Vehicle Person	136,381	572,881	709,262
	Vehicle Driver	122,441	511,950	634,391
	Vehicle Passenger	13,940	60,931	74,871
	Total Transit	99,644	38,392	138,035
	Rail and Ferry	78,302	22,087	100,390
	Bus	21,341	16,304	37,646
	Bicycle	4,168	17,463	21,631
	Walk	10,151	19,665	29,815
	Other	1,462	6,739	8,201
	Total	251,805	655,140	906,945

Table K18. BATS2000 Weekday Home-Based Work Trip Mode Shares by Proximity of Home and Place of Work to Rail and Ferries - Alameda County Residents who Work in San Francisco

Proximity of Household to Rail Station or Ferry Terminal	Mode	Proximity of Work to Rail Station or Ferry Terminal		
		Within 1/2 mile	Greater than 1/2 mile	Total
Within 1/2 mile	In-Vehicle Person	15%	62%	17%
	Vehicle Driver	14%	62%	15%
	Vehicle Passenger	2%	0%	2%
	Total Transit	83%	38%	81%
	Rail and Ferry	78%	38%	77%
	Bus	4%	0%	4%
	Bicycle	0%	0%	0%
	Walk	1%	0%	1%
	Other	1%	0%	1%
	Total	100%	100%	100%
Greater than 1/2 mile	In-Vehicle Person	24%	67%	32%
	Vehicle Driver	18%	36%	22%
	Vehicle Passenger	6%	30%	11%
	Total Transit	73%	25%	64%
	Rail and Ferry	60%	23%	53%
	Bus	13%	2%	11%
	Bicycle	0%	3%	1%
	Walk	2%	5%	2%
	Other	1%	0%	1%
	Total	100%	100%	100%
Total	In-Vehicle Person	23%	66%	31%
	Vehicle Driver	18%	37%	21%
	Vehicle Passenger	5%	30%	10%
	Total Transit	74%	26%	65%
	Rail and Ferry	62%	24%	55%
	Bus	12%	2%	11%
	Bicycle	0%	3%	1%
	Walk	2%	5%	2%
	Other	1%	0%	1%
	Total	100%	100%	100%

Note: Shaded cells denote insufficient sample size.

Table K19. BATS2000 Weekday Home-Based Work Trips by Proximity of Home and Place of Work to Rail and Ferries - Alameda County Residents who Work in San Francisco

Proximity of Household to Rail Station or Ferry Terminal	Mode	Proximity of Work to Rail Station or Ferry Terminal		
		Within 1/2 mile	Greater than 1/2 mile	Total
Within 1/2 mile	In-Vehicle Person	1,705	205	1,910
	Vehicle Driver	1,530	205	1,735
	Vehicle Passenger	175	0	175
	Total Transit	9,115	127	9,241
	Rail and Ferry	8,623	127	8,750
	Bus	492	0	492
	Bicycle	0	0	0
	Walk	103	0	103
	Other	117	0	117
	Total	11,039	332	11,371
Greater than 1/2 mile	In-Vehicle Person	21,247	14,418	35,665
	Vehicle Driver	16,088	7,843	23,931
	Vehicle Passenger	5,159	6,575	11,734
	Total Transit	64,686	5,515	70,201
	Rail and Ferry	52,825	5,070	57,895
	Bus	11,861	445	12,306
	Bicycle	221	637	857
	Walk	1,512	1,005	2,517
	Other	769	101	870
	Total	88,434	21,675	110,109
Total	In-Vehicle Person	22,951	14,623	37,575
	Vehicle Driver	17,618	8,048	25,666
	Vehicle Passenger	5,334	6,575	11,909
	Total Transit	73,801	5,642	79,442
	Rail and Ferry	61,448	5,197	66,644
	Bus	12,353	445	12,798
	Bicycle	221	637	857
	Walk	1,615	1,005	2,620
	Other	885	101	986
	Total	99,474	22,007	121,481

Note: Shaded cells denote insufficient sample size.

Table K20. BATS2000 Weekday Home-Based Work Trip Mode Shares by Proximity of Home and Place of Work to Rail and Ferries - Alameda County Residents who Work outside of San Francisco

Proximity of Household to Rail Station or Ferry Terminal	Mode	Proximity of Work to Rail Station or Ferry Terminal		
		Within 1/2 mile	Greater than 1/2 mile	Total
Within 1/2 mile	In-Vehicle Person	39%	78%	66%
	Vehicle Driver	38%	63%	55%
	Vehicle Passenger	1%	15%	11%
	Total Transit	29%	4%	12%
	Rail and Ferry	26%	2%	10%
	Bus	3%	2%	2%
	Bicycle	5%	11%	9%
	Walk	27%	3%	10%
	Other	0%	3%	2%
	Total	100%	100%	100%
Greater than 1/2 mile	In-Vehicle Person	78%	89%	87%
	Vehicle Driver	71%	80%	79%
	Vehicle Passenger	6%	8%	8%
	Total Transit	16%	5%	7%
	Rail and Ferry	10%	3%	4%
	Bus	6%	3%	3%
	Bicycle	2%	2%	2%
	Walk	4%	3%	3%
	Other	0%	1%	1%
	Total	100%	100%	100%
Total	In-Vehicle Person	74%	88%	86%
	Vehicle Driver	69%	80%	77%
	Vehicle Passenger	6%	9%	8%
	Total Transit	17%	5%	7%
	Rail and Ferry	11%	3%	4%
	Bus	6%	3%	3%
	Bicycle	3%	3%	3%
	Walk	6%	3%	3%
	Other	0%	1%	1%
	Total	100%	100%	100%

Note: Shaded cells denote insufficient sample size.

Table K21. BATS2000 Weekday Home-Based Work Trips by Proximity of Home and Place of Work to Rail and Ferries - Alameda County Residents who Work outside of San Francisco

Proximity of Household to Rail Station or Ferry Terminal	Mode	Proximity of Work to Rail Station or Ferry Terminal		
		Within 1/2 mile	Greater than 1/2 mile	Total
Within 1/2 mile	In-Vehicle Person	4,793	21,771	26,565
	Vehicle Driver	4,635	17,468	22,103
	Vehicle Passenger	158	4,303	4,462
	Total Transit	3,515	1,195	4,710
	Rail and Ferry	3,193	637	3,830
	Bus	323	558	881
	Bicycle	623	3,178	3,800
	Walk	3,272	919	4,191
	Other	0	836	836
	Total	12,204	27,898	40,102
Greater than 1/2 mile	In-Vehicle Person	108,636	536,486	645,122
	Vehicle Driver	100,188	486,434	586,622
	Vehicle Passenger	8,449	50,052	58,501
	Total Transit	22,327	31,555	53,883
	Rail and Ferry	13,662	16,254	29,916
	Bus	8,666	15,301	23,967
	Bicycle	3,324	13,649	16,974
	Walk	5,263	17,741	23,004
	Other	576	5,803	6,379
	Total	140,127	605,235	745,362
Total	In-Vehicle Person	113,430	558,258	671,687
	Vehicle Driver	104,823	503,902	608,725
	Vehicle Passenger	8,607	54,355	62,962
	Total Transit	25,843	32,750	58,593
	Rail and Ferry	16,854	16,891	33,745
	Bus	8,988	15,859	24,848
	Bicycle	3,947	16,827	20,774
	Walk	8,535	18,660	27,195
	Other	576	6,638	7,215
	Total	152,331	633,133	785,464

Note: Shaded cells denote insufficient sample size.